



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Edward J. Kroliczek et al.  
Serial No. : 10/676,265  
Filed : October 2, 2003  
Title : EVAPORATOR FOR A HEAT TRANSFER SYSTEM

Art Unit : 3743  
Examiner : Unknown

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 27, 2005

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13442-009001	Application No. 10/676,265
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.93(b))		Applicant Edward J. Krolczek et al.	
		Filing Date October 2, 2003	Group Art Unit 3743

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LC/	AA	4,862,708	09/1999	Basiulis, Algerd			
	AB	5,103,897	04/1992	Cullimore et al.			
	AC	5,303,768	04/1994	Alaro et al.			
	AD	5,816,313	10/1998	Baker, David			
	AE	5,842,513	12/1998	Maciaszek et al.			
	AF	5,899,265	05/1999	Schneider et al.			
	AG	5,950,710	09/1999	Liu, Chunyan			
	AH	5,966,957	10/1999	Malhammar et al.			
	AI	6,058,711	05/2000	Maciaszek et al.			
	AJ	6,330,907	12/2001	Ogushi et al.			
	AK	6,381,135	04/2002	Prasher et al.			
	AL	6,450,162	09/20002	Yao et al.			
	AM	6,615,912	09/2003	Garner, Scott D.			
	AN	6,810,946	11/02/2004	Hoang			
	AO	2003/0051857	03/2003	Cluzet et al.			
/LC/	AP	2004/0206479	10/21/2004	Krolczek et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AQ							
	AR							
	AS							
	AT							
	AU							
	AV							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
Examiner Signature /Ljiljana Ciric/ (09/13/2009)		Date Considered 09/13/2009
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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(37 CFR §1.88(b))		Filing Date October 2, 2003	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
/LC/	AW	"A high power spacecraft thermal management system," J. Ku, et al., AIAA-1988-2702, Thermophysics, Plasmadynamics and Lasers Conference, San Antonio, TX, June 27-29, 1988, 12 pages
	AX	"Across-Gimbal and Miniaturized Cryogenic Loop Heat Pipes," Bugby, D. et al., CP654, Space Technology and Applications International Forum-STAF 2003, edited by M.S. El-Genk, American Institute of Physics, 2003, pages 218-226, Albuquerque, NM.
	AY	"Advanced Components for Cryogenic Integration," Bugby, D. et al., Cryocoolers 12, edited by R.G. Ross, Jr., Kluwer Academic/Plenum Publishers, 2003, pages 693-708, New York, NY.
	AZ	"Advanced Components for Cryogenic Integration," D. Bugby et al, Proceedings of the 12th International Cryocooler Conference, held June 18-20, 2002, in Cambridge MA., 15 pages
	AAA	"Advanced Components and Techniques for Cryogenic Integration," D. Bugby et al., Environmental systems-International conference; 31st, SOCIETY OF AUTOMOTIVE ENGINEERS NEW YORK, 2001-01-2378, Orlando, FL 2001; Jul (200107), 9 pages
	ABB	"Advanced Components and Techniques for Cryogenic Integration," D. Bugby et al., presented at 2002 Spacecraft Thermal Control Symposium by Swales Aerospace, El Segundo, CA, March, 2002, 14 pages
	ACC	"An Improved High Power Hybrid Capillary Pumped Loop," J. Ku et al., paper submitted to SAE 19th Intersociety Conference on Environment Systems, SAE 891566, San Diego, CA, July 24-27, 1989, 10 pages
	ADD	"Design and Experimental Results of the HPCPL," Van Oost et al., ESTEC CPL-96 Workshop, Noordwijk, Netherlands, 1996, 29 pages
	AEE	"Design and Test of a Proof-of-Concept Advanced Capillary Pumped Loop," Triem T. Hoang, Society of Automotive Engineers, presented at the 27th Environmental systems International conference, New York, 1997, Paper 972326, 6 pages
	AFF	"Design and Testing of a High Power Spacecraft Thermal Management System," McCabe, Jr., Michael E. et al., National Aeronautics and Space Administration (NASA), NASA Technical Memorandum 4051, Scientific and Technical Information Division, 1988, 107 pages Washington, DC
	AGG	"Development and Testing of a Gimbal Thermal Transport System," D. Bugby et al., Proceedings of the 11th International Cryocooler Conference, held June 20-22, 2000, in Keystone, Colorado, 11 pages
	AHH	"Development of a Cryogenic Loop Heat Pipe (CLHP) for Passive Optical Bench Cooling Applications," James Yun, et al., 32nd International Conference on Environmental Systems (ICES-2002), Society of Automotive Engineers Paper No. 2002-01-2507, San Antonio, Texas, 2002, 9 pages
	AII	"Development of an Advanced Capillary Pumped Loop," Triem T. Hoang et al., Society of Automotive Engineers, presented at the 27th Environmental systems International conference, New York, 1997, Paper 972325, 6 pages
	AJJ	"Development of Advanced Cyrogenic Integration Solutions," D. Bugby et al., presented at the 10th International Cryocoolers Conference on May 26-28, 1998 in Monterey, CA and published in "Cryocoolers 10," by Ron Ross, Jr., Kluwer Academic/Plenum Publishers, NY 1999, 17 pages
	AKK	"Hydrogen Loop Pipe Design & Test Results," O'Connell et al., presented at 2002 Spacecraft Thermal Control Symposium by TTH Research, El Segundo, CA, March 2002, 14 pages
/LC/	ALL	"Multiple Evaporator Loop Heat Pipe," James Yun, et al., Society of Automotive Engineers, 2000-01-2410, 30th International Conference on Environmental Systems, July 10-13, 2000, 10 pages

Examiner Signature /Ljiljana Ciric/ (09/13/2009)	Date Considered 09/13/2009	Toulouse, FR
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/LC/	AMM	"Recent Advances in Capillary Pumped Loop Technology," J. Ku, 1997 National Heat Transfer Conference, Baltimore, MD, August 10-12, 1997, AIAA 97-3870, 22 pages
/LC/	ANN	"Testing of a Capillary Pumped Loop with Multiple parallel starter pumps," J. Ku et al, SAE Paper No. 972329, 1997, Lake Tahoe, NV.
/LC/	AOO	"The Hybrid Capillary Pumped Loop," J. Ku et al., paper submitted to SAE 18th Intersociety Conference on Environmental Systems, SAE 881083, San Francisco, CA, July 11-13, 1988, 11 pages

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